

Form PTO-1449

**SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT
IN AN APPLICATION**

(Use several sheets if necessary)

Docket No. (optional)

010069.01

Application Number:

10/648,946

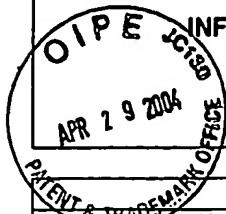
Applicant:

Santi *et al.*

Filing Date:

Aug. 26, 2003

Group Art Unit:

**U.S. PATENT DOCUMENTS**

Examiner Initial	Cite No. ¹	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate
AS	A31	US 6,437,151 B2	08/2002	Leadlay <i>et al.</i>	549	271	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite No. ¹	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initial	Cite No. ¹	Details of Document	Translation enclosed?

Examiner

Date considered

2/10/2005

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

¹ Applicant's unique citation designation number (optional).

Sheet 1 of 1**INFORMATION DISCLOSURE STATEMENT
IN AN APPLICATION***(Use several sheets if necessary)*Docket No. (optional)
010069.01Application Number:
10/648,946Applicant:
Santi *et al.*Filing Date:
Aug. 26, 2003Group Art Unit:
1625**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub-class	Translation enclosed?
<i>AS</i>	WO 2004/013153 A2	02/2004	PCT			n/a

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

Examiner Initial	Details of Document	Translation enclosed?

Examiner <i>Ameba</i>	Date considered <i>2/10/2005</i>
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Sheet 1 of 4

INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket No. (optional) 010069.01	Application Number: 10/648,946
	Applicant: Santi <i>et al.</i>	
	Filing Date: Aug. 26, 2003	Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Cite No. ¹	Document Number	Date	Name	Class	Sub-class	Filing Date if Appropriate
Ao	A1	US 4,382,085	05/1983	Sciavolino <i>et al.</i>	424	180	
	A2	US 4,382,086	05/1983	Sciavolino <i>et al.</i>	424	180	
	A3	US 4,857,641	08/1989	Hauske <i>et al.</i>	536	73	
	A4	US 4,916,138	04/1990	Ueda <i>et al.</i>	514	294	
	A5	US 5,190,871	03/1993	Cox <i>et al.</i>	435	172.3	
	A6	US 5,288,709	02/1999	Freiberg <i>et al.</i>	514	29	
	A7	US 5,523,401	06/1996	Freiberg <i>et al.</i>	540	457	
	A8	US 5,523,418	06/1996	Freiberg <i>et al.</i>	549	270	
	A9	US 5,538,961	07/1996	Freiberg <i>et al.</i>	514	183	
	A10	US 5,554,605	09/1996	Freiberg <i>et al.</i>	514	183	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite No. ¹	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?
Ao	B1	JP 60-218321	11/1985	Japan			No
	B2	WO 99/21867 A1	05/1999	PCT			No
	B3	WO 00/44717 A2	08/2000	PCT			n/a
	B4	WO 01/27284 A2	04/2001	PCT			n/a

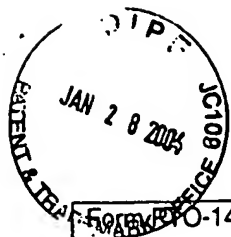
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initial	Cite No. ¹	Details of Document	Translation enclosed?
Ao	C1	Carreras <i>et al.</i> , "Saccharopolyspora erythraea-catalyzed bioconversion of 6-deoxyerythronolide B analogs for production of novel erythromycins," <i>J. Biotechnology</i> , 92, 217-228 (2002)	n/a
Ao	C2	Carreras <i>et al.</i> , "Stable Expression of a Synthetic Gene for the Human Motilin Receptor: Use in an Aequorin-Based Receptor Activation Assay," <i>Anal. Biochem.</i> 300, 146-15	n/a

Examiner <i>Anita Conner</i>	Date considered <i>2/16/2005</i>
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Form PTO-1449

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U.S. PATENT DOCUMENTS

Examiner Initial	Cite No. ¹	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate
AO	A11	US 5,578,579	11/1996	Lartey <i>et al.</i>	514	29	
	A12	US 5,658,888	08/1997	Koga <i>et al.</i>	514	29	
	A13	US 5,712,253	01/1998	Lartey <i>et al.</i>	514	28	
	A14	US 5,824,513	10/1998	Katz <i>et al.</i>	435	76	
	A15	US 5,922,849	07/1999	Premchandran <i>et al.</i>	536	7.2	
	A16	US 6,066,721	05/2000	Khosla <i>et al.</i>	536	23.1	
	A17	US 6,077,943	06/2000	Omura <i>et al.</i>	536	7.2	
	A18	US 6,080,555	06/2000	Khosla <i>et al.</i>	435	41	
	A19	US 6,084,079	07/2000	Keyes <i>et al.</i>	536	7.2	
AO	A20	US 6,169,168 B1	01/2001	Asaka <i>et al.</i>	536	7.4	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite No. ¹	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?
AO	B5	WO 01/31035 A2	05/2001	PCT			n/a
AO	B6	WO 01/83803 A1	11/2001	PCT			n/a

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initial	Cite No. ¹	Details of Document	Translation enclosed?
AO	C3	Frykman <i>et al.</i> , "Precursor-Directed Production of Erythromycin Analogs by <i>Saccharopolyspora erythraea</i> ," <i>Biotechnol. Bioeng.</i> , 76 , 303-310 (2001)	n/a
	C4	Ku <i>et al.</i> , "Synthesis and Antibacterial Activities of Novel 12-O-Methylerythromycin A Derivatives," <i>J. Antibiotics</i> 52 (10), 908-912 (Oct. 1999)	n/a
	C5	Ku <i>et al.</i> , "Synthesis of a Novel Macrolide: 9(S)-9-Dihydro-12-O-Methylerythromycin A via Regioselective Methylation," <i>J. Org. Chem.</i> , 64 , 2107 (1999)	n/a
AO	C6	Omura <i>et al.</i> , "Gastrointestinal motor-stimulating activity of macrolide antibiotics and the structure-activity relationship," <i>J. Antibiotics</i> (1985) 38 : 1631-2	n/a

Examiner

Date considered

2/10/2005

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Sheet 3 of 4

POT-1449

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U.S. PATENT DOCUMENTS

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<i>Ho</i>	A21	US 6,251,636 B1	06/2001	Betlach <i>et al.</i>	435	76	
	A22	US 6,261,816 B1	07/2001	Khosla <i>et al.</i>	435	183	
	A23	US 6,391,594 B1	05/2002	Khosla <i>et al.</i>	435	91.4	
	A24	US 6,395,710 B1	05/2002	Chu <i>et al.</i>	514	29	
	A25	US 6,403,775 B1	06/2002	McDaniel	536	7.2	
	A26	US 6,562,795 B2	05/2003	Ashley <i>et al.</i>	514	29	
	A27	US 2002/0004229 A1	01/2002	Santi <i>et al.</i>	435	76	
	A28	US 2002/0094962 A1	07/2002	Ashley <i>et al.</i>	514	28	
	A29	US 2002/0192709 A1	12/2002	Carreras <i>et al.</i>	435	7.1	
<i>Ho</i>	A30	US 2003/0220271 A1	11/2003	Ashley <i>et al.</i>	514	28	

FOREIGN PATENT DOCUMENTS

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<i>Ho</i>	B7	EP 0,119,431 B1	09/1987	Europe			n/a

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initial	Cite No. ¹	Details of Document	Translation enclosed?
<i>Ho</i>	C7	Rodriguez <i>et al.</i> , <i>J. Ind. Microbio. Biotechnol.</i> , "Rapid Engineering of Polyketide Overproduction by Gene Transfer to Industrially Optimized Strains," web-published as document no. 10.1007/s10295-003-0045-1 (http://link.springer-ny.com) (16 Apr. 2003)	n/a
	C8	Xue <i>et al.</i> , "A multiplasmid approach to preparing large libraries of polyketides," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 96 , 11740-11745 (1999)	n/a
	C9	Chemical Abstracts No. 104:82047 (abstract of JP 60-218321)	n/a
<i>Ho</i>	C10	Chemical Abstracts No. 130:325342 (abstract of WO 99/21867)	n/a

Examiner

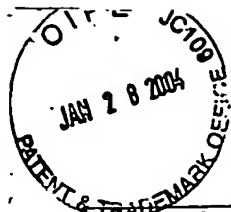
Amelia J. Jones

Date considered

2/10/2005

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Examiner Initial	Cite No. ¹	Details of Document	Translation enclosed?
AS	C11	Chem. Abs. 90:152561 (abstract of PL 97877)	n/a
	C12	Hauske <i>et al.</i> , "Regiospecific Synthesis of 9-Desoxyerythromycin A," <i>J. Org. Chem.</i> , 49 , 712-714 (1984)	n/a
	C13	Hauske <i>et al.</i> , "Aglycon Modifications of Erythromycin A: Regiospecific and Stereo-selective Elaboration of the C-12 Position," <i>J. Org. Chem.</i> , 52 , 4622-4625 (1987)	n/a
	C14	Faghih <i>et al.</i> , "Synthesis and Antibacterial Activity of (9S)-9-Dihydroclarithromycin," <i>J. Antibiotics</i> , 43 , 1334-1336 (1990)	n/a
	C15	Hauske <i>et al.</i> , "Synthesis of 10,11-Anhydroerythromycin," <i>J. Org. Chem.</i> , 47 , 1595-1596 (1982)	n/a
	C16	Hauske <i>et al.</i> , "Aglycon Modifications of Erythromycin A and Erythromycin B: Regio-specific Nucleophilic Ring Opening of Cyclic Thionocarbonates," <i>J. Org. Chem.</i> , 48 , 5138-5140 (1983)	n/a
	C17	Faghih <i>et al.</i> , "Motilides and motilactides: design and development of motilin receptor agonists as a new class of gastrointestinal prokinetic drugs," <i>Drugs Fut.</i> , 23 (8), 861-872 (1998)	n/a
	C18	Depoortere <i>et al.</i> , "Structure-Activity Relation of Erythromycin-Related Macrolides in Inducing Contractions and in Displacing Bound Motilin in Rabbit Duodenum," <i>J. Gastrointestinal Motility</i> , 1 , 150-159 (1989)	n/a
AS	C19	Faghih <i>et al.</i> , "Preparation of 9-deoxy-4"-deoxy-6,9-epoxyerythromycin lactams "motilactides": potent and orally active prokinetic agents," <i>Bioorg. Med. Chem. Lett.</i> , 8 , 805-810 (1998)	n/a

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